

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Canceled).

2. (Currently Amended) ~~The printing~~ A printing instruction device which generates a print job of document information as an object to be printed and sends it to a printer device, according to Claim 1, further comprising:

an embossed printing instruction unit that instructs embossed print setting including an object to be embossed-printed;

an extraction unit that analyzes the document information to be printed and extracts the object instructed by the embossed printing instruction unit;

an embossed print drawing command generation unit that generates, in accordance with the extracted object, an embossed print drawing command needed for embossed printing of the object;

a print job generation unit that generates the print job by adding the embossed print drawing command to a non-embossed print drawing command needed for non-embossed printing of the document information to be printed; and

a priority setting unit that determines whether priority is given to the instruction from the printing instruction device or the printer device for the embossed print setting instruction, wherein:

the embossed print setting instruction by the embossed printing instruction unit is accepted when the priority setting unit determines to give priority to the instruction from the printing instruction device.

3. (Currently Amended) The printing instruction device according to ~~Claim 1,~~ Claim 2, wherein the embossed printing instruction unit has a function to instruct as an object

to be embossed-printed at least one of text, graphics, image, color, specific symbol in text, font and font modification.

4. (Currently Amended) A printing instruction device which generates a print job of document information as an object to be printed and sends it to a printer device, comprising:

a pseudo embossed printing instruction unit that instructs pseudo embossed print setting including an object to be pseudo embossed-printed;

an extraction unit that analyzes the document information to be printed and extracts the object instructed by the pseudo embossed printing instruction device;

a pseudo embossed drawing data generation unit that generates pseudo embossed drawing data for expressing the object as a pseudo embossed image from original data of the object extracted by the extraction unit; ~~and~~

a print job generation unit that generates a print job including the pseudo embossed drawing ~~data-data~~;

a collection unit that collects information about a printing function from the printer device; and

a recognition unit that recognizes, according to the information collected by the collection unit, whether the printer device is capable of embossed printing or not, wherein:

when it is recognized by the recognition unit that the printer device is incapable of embossed printing, the pseudo embossed printing instruction device instructs pseudo embossed printing of the embossed print drawing command.

5. (Canceled).

6. (Currently Amended) ~~The printing~~ A printing instruction device which generates a print job of document information as an object to be printed and sends it to a printer device, according to Claim 5, further comprising:

an embossed printing instruction unit that instructs embossed print setting including an object to be embossed-printed;

an extraction unit that analyzes the document information to be printed and extracts the object instructed by the embossed printing instruction unit;

an embossed print drawing command generation unit that generates, in accordance with the extracted object, an embossed print drawing command needed for embossed printing of the object;

a pseudo embossed printing instruction unit that instructs pseudo embossed printing of the embossed print drawing command;

a pseudo embossed drawing data generation unit that generates pseudo embossed drawing data, when a pseudo embossed printing instruction is given by the pseudo embossed printing instruction unit, to express the object as a pseudo embossed image from the original data of the extracted object;

a print job generation unit that generates a print job including the pseudo embossed drawing data;

a collection unit that collects information about a printing function from the printer device; and

a recognition unit that recognizes, according to the information collected by the collection unit, whether the printer device is capable of embossed printing or not, wherein:

when it is recognized by the recognition unit that the printer device is incapable of embossed printing, the pseudo embossed printing instruction device instructs pseudo embossed printing of the embossed print drawing command.

7. (Currently Amended) The printing instruction device according to ~~Claim 4~~, Claim 6, wherein the pseudo embossed drawing data generation unit generates, from the original data of the object, data which has the original data displaced in a prescribed direction and is expressed as a shadow of an image corresponding to the original data, and merges the generated data with the original data to generate the pseudo embossed drawing data.

8. (Currently Amended) The printing instruction device according to ~~Claim 4~~, Claim 6, wherein the pseudo embossed drawing data generation unit generates, from the original data of the object, data which has the original data displaced in a prescribed direction and brightness or chroma different from the original data added and is expressed as a shadow of an image corresponding to the original data, and merges the generated data with the original data to generate the pseudo embossed drawing data.

9. (Currently Amended) The printing instruction device according to ~~Claim 4~~, Claim 6, wherein the pseudo embossed drawing data generation unit generates the pseudo embossed drawing data by generating data, from the original data of the object, which has the entire original data enlarged and is expressed as a contour of an image corresponding to the original data, and merging the generated data with the original data.

10. (Currently Amended) The printing instruction device according to ~~Claim 4~~, Claim 6, wherein the pseudo embossed drawing data generation unit generates the pseudo embossed drawing data by generating data, from the original data of the object, which has the entire original data enlarged and brightness or chroma different from the original data added and is expressed as a contour of an image corresponding to the original data, and merging the generated data with the original data.

11. (Currently Amended) The printing instruction device according to ~~Claim 4,~~ Claim 6, wherein the pseudo embossed drawing data generation unit generates the pseudo embossed drawing data by generating data, from the original data of the object, which has the entire original data enlarged, brightness or chroma different from the original data added and is expressed as a contour of an image corresponding to the original data, and merging the generated data with the original data.

12. (Canceled).

13. (Currently Amended) ~~The printer~~ A printer device which receives a print job from a printing instruction device and records an image according to the print job according to Claim 12, further comprising:

an embossed printing instruction unit that instructs embossed print setting including an object to be embossed-printed;

an extraction unit that analyzes a non-embossed print drawing command which is included in the print job and needed to print a non-embossed image and extracts an object instructed by the embossed printing instruction unit;

an embossed print drawing command generation unit that generates, in accordance with the extracted object, an embossed print drawing command needed for embossed printing of the object;

an image processing unit that generates, according to the non-embossed print drawing command and the embossed print drawing command, print data capable of printing an object to be drawn as a non-embossed image by the non-embossed print drawing and extracts printing an object to be drawn by the embossed print drawing command as an embossed image satisfying the embossed print setting; and

a priority setting unit that determines whether priority is given to the instruction from the printing instruction device or the printer device for the embossed print setting instruction, wherein:

the embossed print setting instruction by the embossed printing instruction unit is accepted when the priority setting unit determines to give priority to the instruction from the printer device.

14. (Original) The printer device according to Claim 13, further comprising:

a judging unit that, when it is not determined by the priority setting unit to give priority to the instruction from the printer device, analyzes the print job received from the printing instruction device and judges whether the embossed print drawing command is added or not, wherein:

the image processing unit generates the print data according to the embossed print drawing command and the non-embossed print drawing command when the embossed print drawing command is added.

15. (Currently Amended) The printer device according to ~~Claim 12~~, Claim 13, wherein the embossed printing instruction device has a function to instruct as an object to be embossed-printed at least one of text, graphic, image, color, specific symbol in text, font and font modification.

16. (Currently Amended) A printer device that receives a print job from a printing instruction device and records an image according to the print job, comprising:

an accepting unit that accepts an instruction for pseudo embossed print setting containing an object to be pseudo embossed-printed from a device other than the printing instruction device;

an extraction unit that extracts the object subject to the pseudo embossed printing according to the pseudo embossed printing instruction accepted by the accepting unit

from drawing data in the print job received from the printing instruction device when there is no pseudo embossed printing instruction from the pseudo embossed printing instruction unit;

a pseudo embossed drawing data generation unit that generates pseudo embossed drawing data to have the object expressed as a pseudo embossed image from the original data of the object extracted by the extraction unit; and

a printing unit that executes pseudo embossed printing the object to be pseudo embossed-printed according to the pseudo embossed drawing ~~data~~data;

a priority setting unit that determines whether priority is given to the instruction from the printing instruction device or the printer device according to the instruction about the embossed print setting; and

a priority control unit that controls to accept the embossed print setting instruction by the embossed printing instruction unit from either the printing instruction device or the printer device according to the setting by the priority setting unit.

17. (Canceled).

18. (Currently Amended) ~~The print~~ A print processing system according to Claim 17, wherein: comprising:

a printing instruction device for generating a print job of document information as an object to be printed and sending it to a printer device;

the printer device for receiving the print job from the printing instruction device and recording an image according to the print job;

an embossed printing instruction unit that instructs embossed print settings including an object subject to embossed printing, the embossed printing instruction unit is being disposed on at least one of the printing instruction device and the printer device, and further comprising;

_____ a priority setting unit that determines whether priority is given to the instruction from the printing instruction device or the printer device according to the instruction about the embossed print setting; and

_____ a priority control unit that controls to accept the embossed print setting instruction by the embossed printing instruction unit from either the printing instruction device or the printer device according to the setting by the priority setting unit.

19. (Original) The print processing system according to Claim 18, wherein:

the printing instruction device comprises:

an extraction unit that analyzes the document information to be printed and extracts the object instructed by the embossed printing instruction unit;

an embossed print drawing command generation unit that generates an embossed print drawing command needed for the embossed printing of the object in accordance with the extracted object; and

a print job generation unit that generates the print job with the embossed print drawing command added to the non-embossed print drawing command needed for the non-embossed printing of the document information subject to printing.

20. (Original) The print processing system according to Claim 18, wherein:

the printer device comprises:

an extraction unit that analyzes a non-embossed print drawing command which is contained in the print job received from the printing instruction device and needed for printing a non-embossed image and extracts the object instructed by the embossed printing instruction unit;

an embossed print drawing command generation unit that generates an embossed print drawing command needed for embossed printing of the object in accordance with the extracted object; and

an image processing unit that generates, according to the non-embossed print drawing command and the embossed print drawing command, print data capable of printing an object to be drawn as a non-embossed image by the non-embossed print drawing and printing an object subject to drawing by the embossed print drawing command as an embossed image satisfying the embossed print setting.

21. (Original) The print processing system according to Claim 20, wherein:

the printer device is provided with a judging unit that analyzes the print job received from the printing instruction device and judges whether an embossed print drawing command is added when it is not determined by the priority setting unit that priority is given to the instruction of the printer device; and

the image processing unit generates the print data according to the embossed print drawing command and the non-embossed print drawing command when the embossed print drawing command is added.

22. (Currently Amended) The print processing system according to ~~Claim 17,~~ Claim 18, wherein the embossed printing instruction unit has a function to instruct as an object to be embossed-printed at least one of text, graphic, image, color, specific symbol in text, font and font modification.

23. (Currently Amended) The print processing system according to ~~Claim 17,~~ Claim 18, wherein:

at least one of the printing instruction device or the printer device is provided with a display unit and an input/operation unit; and

the embossed printing instruction unit comprises:

a user interface unit that instructs the embossed print setting from the input/operation unit on a setting screen shown on the display unit.

24. (Currently Amended) ~~The print~~ A print processing system comprising:

a printing instruction device for generating a print job of document information as an object to be printed and sending it to a printer device for receiving the print job from the printing instruction device and recording an image according to the print job, according to Claim 17, wherein; and

an embossed printing instruction unit, that instructs embossed print settings including an object subject to embossed printing, is disposed on at least one of the printing instruction device and the printer device, wherein:

at least one of the printing instruction device or the printer device is provided with a Web server unit; and

the embossed printing instruction unit comprises:

a user interface unit that takes the embossed print setting instructed on the setting screen on the Web browser of an external terminal via the Web server.

25. (Currently Amended) A storage medium that stores a program which causes a printing instruction device, that generates a print job of document information as an object to be printed and sends it to a printer device, to process to generate the print job of document information, the program comprising:

an embossed printing instruction step of instructing embossed print setting containing an object to be embossed-printed;

an extraction step of extracting the object instructed by the embossed printing instruction step by analyzing the document information subject to printing;

an embossed print drawing command generation step of generating an embossed print drawing command needed for embossed printing of the object in accordance with the extracted ~~object;~~ and object;

a print job generation step of generating the print job with the embossed print drawing command added to a non-embossed print drawing command needed for non-embossed printing of the document information to be ~~printed~~printed; and

a priority setting step that determines whether priority is given to an instruction from the printing instruction device or the printing device for the instructing embossed print setting, wherein:

the embossed print setting instruction is accepted from either the printing instruction device or the printer device according to the priority set in the priority setting step.

26. (Original) The storage medium according to Claim 25, wherein the embossed printing instruction step processes to instruct as an object to be embossed-printed at least one of text, graphic, image, color, specific symbol in text, font and font modification.

27. (Original) The storage medium according to Claim 25, wherein:

the printing instruction device has a user interface unit comprising a display unit and an input unit; and

the embossed printing instruction step executes:

processing to display an embossed print setting screen including a selection tool for the text, graphic, image, color, specific symbol in text, font and font modification on the display unit; and

processing to accept the object selected by operating the selection tool on the embossed print setting screen from the input unit as the object subject to embossed printing.

28. (Currently Amended) A storage medium that stores a program which causes a printing instruction device, that generates a print job of document information as an object to be printed and sends it to a printer device, to process to generate the print data, causing to perform the following:

a pseudo embossed printing instruction step of instructing pseudo embossed print setting including an object subject to pseudo embossed printing;

an extraction step of extracting the object instructed by the pseudo embossed printing instruction step by analyzing the document information subject to printing; and

a pseudo embossed drawing data generation step of generating pseudo embossed drawing data to express the object as a pseudo embossed image from the original data of the object extracted by the extraction step; and

a priority setting step of determining whether priority is given to the instruction from the printing instruction device or the printer device for the embossed print setting instruction, wherein:

the embossed print setting instruction is accepted when the priority setting step determines to give priority to the instruction from the printing instruction device.

29. (Currently Amended) A storage medium that stores a program which causes a printing instruction device, that generates a print job of document information as an object to be printed and sends it to a printer device, to process to generate the print data, causing to perform the following:

an embossed printing instruction step of instructing pseudo embossed print setting including an object subject to embossed printing;

an extraction step of extracting the object instructed by the embossed printing instruction step by analyzing the document information subject to printing;

an embossed print drawing command generation step of generating an embossed print drawing command needed for embossed printing of the object in accordance with the extracted object;

a pseudo embossed printing instruction step of instructing pseudo embossed printing of the embossed print drawing command; and

a pseudo embossed drawing data generation step of generating pseudo embossed drawing data to express the object as a pseudo embossed image from the original data of the extracted object when the pseudo embossed printing instruction is given by the pseudo embossed printing instruction step; and

a priority setting step of determining whether priority is given to the instruction from the printing instruction device or the printer device for the embossed print setting instruction, wherein:

the embossed print setting instruction is accepted when the priority setting step determines to give priority to the instruction from the printing instruction device.

30. (Original) The storage medium according to Claim 29, further causing to perform the following:

a collection step of collecting information about a printing function from the printer device;

a recognition step of recognizing whether the printer device can execute embossed printing according to the information collected by the collection step; and

a step of instructing the pseudo embossed printing of the embossed print drawing command in the pseudo embossed printing instruction step when it is recognized by the recognition step that the printer device is incapable of executing embossed printing.

31. (Original) The storage medium according to Claim 28, wherein the pseudo embossed drawing data generation step is caused to perform the following:

generating, from the original data of the object, data which has the original data displaced in a prescribed direction and is expressed as a shadow of an image corresponding to the original data, and merging the generated data with the original data to generate the pseudo embossed drawing data.

32. (Original) The storage medium according to Claim 28, wherein the pseudo embossed drawing data generation step is caused to perform the following:

generating, from the original data of the object, data which has the original data displaced in a prescribed direction and brightness or chroma different from the original data added and is expressed as a shadow of an image corresponding to the original data, and merges the generated data with the original data to generate the pseudo embossed drawing data.

33. (Original) The storage medium according to Claim 28, wherein the pseudo embossed drawing data generation step is caused to perform the following:

generating the pseudo embossed drawing data by generating data, from the original data of the object, which has the entire original data enlarged and is expressed as a contour of an image corresponding to the original data, and merging the generated data with the original data.

34. (Original) The storage medium according to Claim 28, wherein the pseudo embossed drawing data generation step is caused to perform the following:

generating the pseudo embossed drawing data by generating data, from the original data of the object, which has the entire original data enlarged and brightness or chroma different from the original data added and is expressed as a contour of an image corresponding to the original data, and merging the generated data with the original data.

35. (Original) The storage medium according to Claim 28, wherein the pseudo embossed drawing data generation step is caused to perform the following:

generating the pseudo embossed drawing data by generating data, from the original data of the object, which has the entire original data enlarged, brightness or chroma different from the original data added and is expressed as a contour of an image corresponding to the original data, and merging the generated data with the original data.

36. (Canceled).

37. (Currently Amended) ~~The print~~ A print processing system executing print processing to print an image having a mixture of an embossed image according to document information subject to printing, comprising:
an embossed printing instruction unit that instructs embossed output specifications including a height of the embossed image;
an embossed print drawing command generation unit that generates an embossed print drawing command needed to print an object subject to embossed printing in the document information subject to printing according to the embossed output specifications instructed by the embossed printing instruction unit; and
a printing unit that generates embossed print data according to the embossed print drawing command generated by the embossed print drawing command generation unit and prints out an object subject to drawing by the embossed print drawing command as an embossed image satisfying the embossed output specifications instructed by the embossed printing instruction unit, according to Claim 36, wherein
the printing unit retains predetermined fixed embossed output specifications and generates the embossed print data by modifying the fixed embossed output specifications according to the embossed print drawing command generated by the embossed print drawing command generation unit.

38. (Currently Amended) The print processing system according to ~~Claim 36,~~ Claim 37, wherein the embossed printing instruction unit is further provided with a unit that instructs the object subject to embossed printing.

39. (Currently Amended) The print processing system according to ~~Claim 36,~~ Claim 37, wherein the embossed printing instruction unit is provided with a unit that instructs a height of an embossed image as the embossed output specifications.

40. (Currently Amended) The print processing system according to ~~Claim 36,~~
Claim 37, wherein the embossed printing instruction unit is provided with a unit that instructs
a relief shape of an embossed image as the embossed printing specifications.

41. (Currently Amended) The print processing system according to ~~Claim 36,~~
Claim 37, wherein the embossed printing instruction unit is provided with a unit that adds
colors to an embossed image as the embossed printing specifications.

42. (Original) The print processing system according to Claim 41, wherein the
embossed printing instruction unit is further provided with a unit that instructs the colors to
be added when the addition of colors to the embossed image is instructed as the embossed
printing specifications.

43. (Original) The print processing system according to Claim 42, wherein the
embossed printing instruction unit is provided with a unit that instructs any of gradation,
stripes or a check of a single color or plural colors as the color to be added to the embossed
image.

44. (Currently Amended) The print processing system according to ~~Claim 36,~~
Claim 37, wherein the embossed printing instruction unit is provided with a unit that instructs
an enlargement/reduction ratio of an embossed image as the embossed printing specifications.

45. (Currently Amended) The print processing system according to ~~Claim 36,~~
Claim 37, wherein the embossed printing instruction unit is provided with a unit that adds a
vertical interval to the surface of an embossed image as the embossed printing specifications.

46. (Currently Amended) The print processing system according to ~~Claim 36,~~
Claim 37, wherein the embossed printing instruction unit is provided with a unit that instructs
whether an embossed image is printed before or after the non-embossed image is printed as
the embossed printing specifications.

47. (Currently Amended) The print processing system according to ~~Claim 36~~, Claim 37, wherein the embossed printing instruction unit is provided with a unit that instructs a height processing method when embossed images are overlapped as the embossed printing specification.

48. (Original) The print processing system according to Claim 47, wherein the embossed printing instruction unit is provided with a unit, as the height processing method when the embossed images are overlapped, for instructing any of increasing a height of the overlapped area by n times according to the number of overlaps n , increasing a height of the overlapped area to a height of any embossed image, rendering the overlapped area as non-embossed, or calculating a height of the overlapped area by a logic operation.

49. (Currently Amended) The print processing system according to ~~Claim 36~~, Claim 37, wherein the embossed printing instruction unit is provided with a unit that instructs to convert a attribute value of the original data of the embossed image into a height as the embossed printing specifications.

50. (Original) The print processing system according to Claim 49, wherein the embossed printing instruction unit is provided with a unit that instructs any of a hue, brightness or a chroma as a attribute value of the original data of the embossed image to be converted into the height.

51. (Currently Amended) The print processing system according to ~~Claim 36~~, Claim 37, wherein the embossed printing instruction unit is provided with a display unit and an input/operation unit and comprised of a user interface unit that instructs the embossed output specifications from the input/operation unit on a setting screen shown on the display device.

52. (Currently Amended) ~~The print~~ A print processing system executing print processing to print an image having a mixture of an embossed image according to document information subject to printing, comprising:

an embossed printing instruction unit that instructs embossed output specifications including a height of the embossed image;

an embossed print drawing command generation unit that generates an embossed print drawing command needed to print an object subject to embossed printing in the document information subject to printing according to the embossed output specifications instructed by the embossed printing instruction unit; and

a printing unit that generates embossed print data according to the embossed print drawing command generated by the embossed print drawing command generation unit and prints out an object subject to drawing by the embossed print drawing command as an embossed image satisfying the embossed output specifications instructed by the embossed printing instruction unit, according to Claim 36, wherein

the embossed printing instruction unit is provided with a Web server unit and composed of a user interface unit that takes instruction contents of the embossed output specifications being input on the setting screen of the Web browser of an external terminal via the Web server.

53. (Canceled).

54. (Currently Amended) ~~The print~~ A print processing system which comprises a printing instruction device for generating a print job of document information as an object to be printed and sending it to a printer device and the printer device for receiving the print job from the printing instruction device and recording an image according to the print job, the printing instruction device being provided with:

_____ a pseudo embossed printing instruction unit that instructs pseudo embossed print setting including an object to be pseudo embossed-printed;

_____ an extraction unit that extracts the object instructed by the pseudo embossed printing instruction unit by analyzing the document information to be printed;

_____ a pseudo embossed drawing data generation unit that generates pseudo embossed drawing data to express the object as a pseudo embossed image from the original data of the object extracted by the extraction unit; and

_____ a print job generation unit that generates a print job including the pseudo embossed drawing data, wherein

_____ the printer device is provided with:

_____ a printing unit that executes pseudo embossed printing of the object subject to the pseudo embossed printing according to the pseudo embossed drawing data in the print job received from the printing instruction device; according to Claim 53, wherein

an accepting unit that accepts an instruction for pseudo embossed print setting containing an object subject to pseudo embossed printing from a device other than the printing instruction device;

an extraction unit that extracts the object subject to the pseudo embossed printing according to the pseudo embossed printing instruction accepted by the accepting unit from drawing data in the print job received from the printing instruction device when there is no pseudo embossed printing instruction from the pseudo embossed printing instruction unit;

a pseudo embossed drawing data generation unit that generates pseudo embossed drawing data to have the object expressed as a pseudo embossed image from the original data of the object extracted by the extraction unit; and

a printing unit that executes pseudo embossed printing of the object subject to the pseudo embossed printing according to the pseudo embossed drawing data.

55. (Canceled).

56. (Currently Amended) ~~The printing~~ A printing instruction device that generates a print job of document information as an object subject to printing and sends it to a printer device, according to Claim 55, further comprising:

an embossed printing instruction unit that includes embossed output specifications containing an object subject to embossed printing and a height of the embossed image when the object is printed as an embossed image;

an extraction unit that extracts the object instructed by the embossed printing instruction unit by analyzing the document information subject to printing;

an embossed print drawing command generation unit that generates an embossed print drawing command needed to print the object subject to embossed printing in the document information subject to printing according to the embossed output specifications instructed by the embossed printing instruction unit;

a pseudo embossed printing instruction unit that instructs pseudo embossed printing of the embossed print drawing command;

a pseudo embossed drawing data generation unit that, when a pseudo embossed printing instruction is executed by the pseudo embossed printing instruction unit, generates pseudo embossed drawing data to have the object expressed as a pseudo embossed image from the original data of the extracted object;

a print job generation unit that generates a print job including the pseudo embossed drawing data;

a collection unit that collects information about a printing function from the printer device; and

a recognition unit that recognizes whether the printer device can execute embossed printing according to the information collected by the collection unit; wherein:

when it is recognized by the recognition unit that the printer device is incapable of executing embossed printing, pseudo embossed printing of an embossed print drawing command is instructed from the pseudo embossed printing instruction unit.

57. (Currently Amended) ~~The~~ A printing instruction device that generates a print job of document information as an object subject to printing and sends it to a printer device, comprising:

an embossed printing instruction unit that includes embossed output specifications containing an object subject to embossed printing and a height of the embossed image when the object is printed as an embossed image;

an extraction unit that extracts the object instructed by the embossed printing instruction unit by analyzing the document information subject to printing;

an embossed print drawing command generation unit that generates an embossed print drawing command needed to print the object subject to embossed printing in the document information subject to printing according to the embossed output specifications instructed by the embossed printing instruction unit;

a pseudo embossed printing instruction unit that instructs pseudo embossed printing of the embossed print drawing command;

a pseudo embossed drawing data generation unit that, when a pseudo embossed printing instruction is executed by the pseudo embossed printing instruction unit, generates pseudo embossed drawing data to have the object expressed as a pseudo embossed image from the original data of the extracted object; and

a print job generation unit that generates a print job including the pseudo embossed drawing data, according to Claim 55, wherein wherein:

_____ the pseudo embossed drawing data generation unit generates, from the original data of the object, data which has the original data displaced in a prescribed direction and is expressed as a shadow of an image corresponding to the original data, and merges the generated data with the original data to generate the pseudo embossed drawing data.

58. (Currently Amended) ~~The~~ A printing instruction device that generates a print job of document information as an object subject to printing and sends it to a printer device, comprising:

_____ an embossed printing instruction unit that includes embossed output specifications containing an object subject to embossed printing and a height of the embossed image when the object is printed as an embossed image;

_____ an extraction unit that extracts the object instructed by the embossed printing instruction unit by analyzing the document information subject to printing;

_____ an embossed print drawing command generation unit that generates an embossed print drawing command needed to print the object subject to embossed printing in the document information subject to printing according to the embossed output specifications instructed by the embossed printing instruction unit;

_____ a pseudo embossed printing instruction unit that instructs pseudo embossed printing of the embossed print drawing command;

_____ a pseudo embossed drawing data generation unit that, when a pseudo embossed printing instruction is executed by the pseudo embossed printing instruction unit, generates pseudo embossed drawing data to have the object expressed as a pseudo embossed image from the original data of the extracted object; and

_____ a print job generation unit that generates a print job including the pseudo embossed drawing data, according to Claim 55, wherein wherein:

_____ the pseudo embossed drawing data generation unit generates, from the original data of the object, data which has the original data displaced in a prescribed direction and brightness or chroma different from the original data added and is expressed as a shadow of an image corresponding to the original data, and merges the generated data with the original data to generate the pseudo embossed drawing data.

59. (Currently Amended) The A printing instruction device that generates a print job of document information as an object subject to printing and sends it to a printer device, comprising:

_____ an embossed printing instruction unit that includes embossed output specifications containing an object subject to embossed printing and a height of the embossed image when the object is printed as an embossed image;

_____ an extraction unit that extracts the object instructed by the embossed printing instruction unit by analyzing the document information subject to printing;

_____ an embossed print drawing command generation unit that generates an embossed print drawing command needed to print the object subject to embossed printing in the document information subject to printing according to the embossed output specifications instructed by the embossed printing instruction unit;

_____ a pseudo embossed printing instruction unit that instructs pseudo embossed printing of the embossed print drawing command;

_____ a pseudo embossed drawing data generation unit that, when a pseudo embossed printing instruction is executed by the pseudo embossed printing instruction unit, generates pseudo embossed drawing data to have the object expressed as a pseudo embossed image from the original data of the extracted object; and

_____ a print job generation unit that generates a print job including the pseudo embossed drawing data, according to Claim 55, wherein wherein:

_____ the pseudo embossed drawing data generation unit generates the pseudo embossed drawing data by generating data, from the original data of the object, which has the entire original data enlarged and is expressed as a contour of an image corresponding to the original data, and merging the generated data with the original data.

60. (Currently Amended) ~~The~~ A printing instruction device that generates a print job of document information as an object subject to printing and sends it to a printer device, comprising:

_____ an embossed printing instruction unit that includes embossed output specifications containing an object subject to embossed printing and a height of the embossed image when the object is printed as an embossed image;

_____ an extraction unit that extracts the object instructed by the embossed printing instruction unit by analyzing the document information subject to printing;

_____ an embossed print drawing command generation unit that generates an embossed print drawing command needed to print the object subject to embossed printing in the document information subject to printing according to the embossed output specifications instructed by the embossed printing instruction unit;

_____ a pseudo embossed printing instruction unit that instructs pseudo embossed printing of the embossed print drawing command;

_____ a pseudo embossed drawing data generation unit that, when a pseudo embossed printing instruction is executed by the pseudo embossed printing instruction unit, generates pseudo embossed drawing data to have the object expressed as a pseudo embossed image from the original data of the extracted object; and

_____ a print job generation unit that generates a print job including the pseudo embossed drawing data, according to Claim 55, wherein wherein:

_____ the pseudo embossed drawing data generation unit generates data, from the original data of the object, which has the entire original data enlarged and brightness or chroma different from the original data added and is expressed as a contour of an image corresponding to the original data, and merging the generated data with the original data.

61. (Currently Amended) ~~The~~ A printing instruction device that generates a print job of document information as an object subject to printing and sends it to a printer device, comprising:

_____ an embossed printing instruction unit that includes embossed output specifications containing an object subject to embossed printing and a height of the embossed image when the object is printed as an embossed image;

_____ an extraction unit that extracts the object instructed by the embossed printing instruction unit by analyzing the document information subject to printing;

_____ an embossed print drawing command generation unit that generates an embossed print drawing command needed to print the object subject to embossed printing in the document information subject to printing according to the embossed output specifications instructed by the embossed printing instruction unit;

_____ a pseudo embossed printing instruction unit that instructs pseudo embossed printing of the embossed print drawing command;

_____ a pseudo embossed drawing data generation unit that, when a pseudo embossed printing instruction is executed by the pseudo embossed printing instruction unit, generates pseudo embossed drawing data to have the object expressed as a pseudo embossed image from the original data of the extracted object; and

_____ a print job generation unit that generates a print job including the pseudo embossed drawing data, ~~according to Claim 55, wherein~~ wherein;

_____ the pseudo embossed drawing data generation unit generates data, from the original data of the object, which has the entire original data enlarged, brightness or chroma different from the original data added and is expressed as a contour of an image corresponding to the original data, and merging the generated data with the original data.

62-63. (Canceled).

64. (Currently Amended) ~~The~~ A print processing system, comprising: system
~~according to Claim 63, wherein~~

_____ a unique data adding unit that adds unique data to text data;
_____ an embossed printing instruction unit that instructs whether the unique data to
be added to the text data is embossed-printed or not;
_____ a unique data embossing instruction processing unit that adds the unique data
to the text data and outputting it including an embossed printing instruction to the unique data
when embossed printing of the unique data is instructed by the embossed printing instruction
unit;
_____ an embossment data processing unit that recognizes unique data in the data
according to a unique data embossed printing instruction in the data being output from the
unique data embossing instruction processing unit as embossment data to be embossed-
printed and executes processing to output the unique data recognized as the embossment data
and the text data not recognized as the embossment data as an embossed image and an
ordinary image; and
_____ the unique data embossing instruction processing unit has an embossed
drawing control command generation unit that generates an embossed drawing control
command including an embossing instruction control command which instructs the unique
data to be added to the text data as an object subject to embossed drawing, and uses the

embossing instruction control command to execute the unique data embossed printing instruction, wherein

_____ the embossed drawing control command generation unit includes a unit that generates a command in a form describing a drawing control command of unique data subject to embossed drawing between the start command and the end command for embossed drawing as the embossing instruction control command.

65. (Currently Amended) ~~The~~ A print processing system, comprising: system
~~according to Claim 63, wherein:~~

_____ a unique data adding unit that adds unique data to text data;

_____ an embossed printing instruction unit that instructs whether the unique data to be added to the text data is embossed-printed or not;

_____ a unique data embossing instruction processing unit that adds the unique data to the text data and outputting it including an embossed printing instruction to the unique data when embossed printing of the unique data is instructed by the embossed printing instruction unit;

_____ an embossment data processing unit that recognizes unique data in the data according to a unique data embossed printing instruction in the data being output from the unique data embossing instruction processing unit as embossment data to be embossed-printed and executes processing to output the unique data recognized as the embossment data and the text data not recognized as the embossment data as an embossed image and an ordinary image; and

_____ the unique data embossing instruction processing unit has an embossed drawing control command generation unit that generates an embossed drawing control command including an embossing instruction control command which instructs the unique data to be added to the text data as an object subject to embossed drawing, and uses the

embossing instruction control command to execute the unique data embossed printing instruction, wherein

the embossment data processing unit has a development unit that recognizes, as embossment data and developing as an embossed print image, unique data subject to drawing by the embossing instruction control command in the embossed drawing control command output from the embossed drawing control command generation unit, and recognizing the unique data to be embossed-printed by the embossing instruction control command in the embossed drawing control command output from the unique data embossing instruction processing unit.

66. (Currently Amended) A print processing system comprising a unique data adding device for adding unique data to text data and an output device for executing image print output processing according to the text data to which the unique data is added, wherein:

the unique data adding device is provided with:

an embossed printing instruction unit that instructs whether the unique data to be added to the text data is embossed-printed or not; and

a unique data embossing instruction processing unit that adds the unique data to the text data and outputs it with an embossed printing instruction to the unique data included when embossed printing of the unique data is instructed by the embossed printing instruction unit, wherein:

the output device is provided with an embossment data processing unit that recognizes the unique data in the data as embossment data to be embossed-printed according to the unique data embossed printing instruction in the data to be output from the unique data embossing instruction processing unit and executes processing to output the unique data recognized as the embossment data and the text data not recognized as the embossment data as an embossed image and an ordinary image, respectively, and

the unique data adding device is a data decomposition processing device that previously stores form data as the unique data, adds form data corresponding to a form file name contained in print data under the printing instruction from the printing instruction device to the text data contained in the print data and sends it, and the unique data embossing instruction processing unit includes an embossment data generation unit that, when embossed printing of the unique data is instructed by the embossed printing instruction unit, generates data for embossed printing containing ordinary print data for ordinary printing of the text data and forms embossed print data enabling execution of embossed printing of the form data to be added to the text data.

67. (Original) The print processing system according to Claim 66, wherein:
the unique data adding device is a printing instruction device which sends print data generated by adding the unique data to the text data; and
the unique data embossing instruction processing unit includes an embossing PDL command generation unit that generates as the print data an embossing PDL command comprising a PDL command to draw the text data and an embossing instruction PDL command to instruct the unique data to be added to the text data as the subject to be embossed-drawn.

68. (Original) The print processing system according to Claim 67, wherein the embossing PDL command generation unit includes a unit that generates as the embossing instruction PDL command a PDL command in a form describing a PDL command of unique data subject to embossed drawing between the start command and the end command of embossed drawing.

69. (Original) The print processing system according to Claim 67, wherein:
the output device is a printer device that receives the embossing PDL command being sent from the print instruction device and prints out an image, and

the embossment data processing unit includes:

a development unit that executes bitmap development of the unique data and text data to be controlled by the embossing instruction PDL command and the PDL command in the received embossing PDL command as embossed image data and non-embossed image data respectively, and

an image forming unit that forms an image having a mixture of an embossed image corresponding to the embossed image data and a non-embossed image corresponding to the non-embossed image data according to the developed bitmap data.

70. (Cancelled)

71. (Currently Amended) The print processing system according to ~~Claim 70~~Claim 66, wherein:

the output device is an image processing device for receiving the data for embossed printing from the data decomposition processing device to execute image processing, and

the embossment data processing unit includes an image processing unit that analyzes the data for embossed printing received from the embossment data generation unit, and executing image processing to print the ordinary print data as an ordinary image and the form embossed print data as an embossed image.

72-80. (Canceled).

81. (Currently Amended) The print processing system according to ~~Claim 80~~, Claim 83, wherein the print data generation unit includes a unit that generates the print data by compiling the data for ordinary printing and the data for embossed printing of the unique data in an independent form.

82. (Currently Amended) The print processing system according to ~~Claim 80~~, Claim 83, wherein the print data generation unit includes a unit that embeds the data for

embossed printing of the unique data into the data for ordinary printing to generate and sending the print data.

83. (Currently Amended) ~~The~~ A print processing system comprising software having functions to generate text data and to add unique data to the text data and a printing instruction device that receives print data having the unique data added to the text data from the software and gives a print instruction of the print data to an output device, according to Claim 80, wherein:

the software is provided with:

an embossed printing instruction unit that instructs whether the unique data to be added to the text data is embossed-printed or not;

a print data generation unit that generates the print data by adding data for executing embossed printing of the unique data to the text data according to an instruction of embossed printing of the unique data from the embossed printing instruction unit, and sending it to the printing instruction device; and

an embossed printing function inquiry unit that inquires of the printing instruction device whether it has an embossed printing function or not, and

the printing instruction device is provided with:

an embossed drawing command generation unit that analyzes the print data to be received from the software, generates data for embossed printing of unique data from the data for the embossed printing of the unique data, and generates an embossed print drawing command containing data for ordinary printing of the text data, and

the print data generation unit includes:

a unit that, when it is noticed from the printing instruction unit in response to the inquiry that it has an embossed printing function, specifies information capable of recognizing data for embossed printing by the embossed printing function to describe the data

instructed to execute embossed printing by a character string or a command capable of recognizing the embossed print data to generate the print data.

84. (Canceled).